



Your Quality Source for Electrical Wire

U.L. AWM 1431

AWG	NUMBER OF STR.	AWG OF STR.	NOM. DIA. OF STR. COND. (IN.)	NOM. FIN. WIRE DIAM. (IN.)	MAX. RES. (DC AT 20C) OHM/PER 1K FEET	NOM. WT LBS PER 1K FEET
24	7	32		.088		4.732
24	19	36		.088		4.923
22	7	30		.092		5.972
22	19	34		.095		6.181
20	7	28		.102		7.734
20	19	32		.103		8.012
18	7	26		.112		10.383
18	19	30		.112		10.732
16	19	.0117		.122		3.099
14	19	.0147		.136		19.120
12	19	.0185		.154		27.802

U.L. AWM 1431
 U/L Recognized Appliance Wiring Material
 105 Celsius, 600 Vac, Horizontal Flame.
 30 AWG – 1000 kcmil
 Extruded XLPVC



Conductor size	Min. Ave. Thick	Min. Thick. at any point
30 – 9 AWG	30 mils	27 mils
8 AWG	45 mils	41 mils
7 – 2 AWG	60 mils	54 mils
1 – 4/0 AWG	78 mils	70 mils
250 – 500 kcmil	95mil	86mils
501 – 1000 kcmil	110 mils	99 mils

For use as motor leads or internal wiring of appliances. Tags may indicate the following: 2500 Volts Peak – For Electronic Use only.